## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	(("4298394") or ("6221151")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/06 18:37
L5	2	calcium adj sulfate adj dihydrate with filler same surface area same particle adj size adj distribution	US-PGPUB; USPAT; USOCR	AND	ON	2011/09/06 19:03
L6	0	calcium adj sulfate adj dihydrate with filler same surface adj area same particle adj size adj distribution	US-PGPUB; USPAT; USOCR	AND	ON	2011/09/06 19:04
L7	6	calcium adj sulfate adj dihydrate with filler and surface adj area same particle adj size adj distribution	US-PGPUB; USPAT; USOCR	AND	ON	2011/09/06 19:04
L8	1	(US-5683772-\$).did.	USPAT	AND	ON	2011/09/06 19:53
L9	1	18 and (aggregate or filler or gypsum or dihydrate) with (dry or dried or dries or water adj content)	US-PGPUB; USPAT; USOCR	AND	ON	2011/09/06 19:53
S1	3	"4221599".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/24 16:46
S2	3	DD "269295"	FPRS; EPO; DERWENT	AND	ON	2008/11/24 17:55
S3	2	"20060150868"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/25 07:38
\$4	43	semihydrate adj calcium adj sulfate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/01 09:17
S9	92	gypsum with (size adj2 distribution)	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/01 09:49

S10	2	("4533528").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/01 09:49
S12	5	("3236509").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/01 09:53
S13	37	S9 and plaster	US-PGPUB; USPAT; USOCR	and	ON	2008/12/01 09:55
S14	3	("3954492").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/01 10:26
S16	19	"569596"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/01 10:28
S17	1779	(264/333).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/01 12:20
S18	255	S17 and gypsum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/01 12:21
S19	246	(106/783).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/01 12:21
S20	196759	sulphur	USPAT	AND	ON	2008/12/01 16:46
S21	1165	desulphurisation	USPAT	AND	ON	2008/12/01 16:46
S22	1	("3947285").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/01 16:55

S23	15	deleuil adj2 michel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/01 16:58
S24	75	deleuil	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/01 16:58
S25	10	S24 and gypsum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/01 16:58
S26	1779	(264/333).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/01 17:10
S27	255	S26 and gypsum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/01 17:10
S28	133	S26 and (gypsum same weight)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/01 17:10
S29	32	S26 and (gypsum same weight same percent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/01 17:12
S30	233	(gypsum same weight same percent) and ("2"\$calcine\$2 or calcination)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/01 17:14
S31	536	(gypsum same (weight with percent)) and (calcine \$2 or uncalcin\$2 or calcination)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/01 17:15

S32	158	(gypsum near20 (weight adj3 percent)) and (calcine \$2 or uncalcin\$2 or calcination)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/01 17:15
S33	1	("3947285").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/01 17:25
S34	10	("3947285").URPN.	USPAT	AND	ON	2008/12/01 17:26
S35	2	stucco with (DSG or desulfurization or desulphurization or desulphurisation)	USPAT	AND	ON	2008/12/01 17:45
S36	19	stucco same (DSG or desulfurization or desulphurization or desulphurisation)	USPAT	AND	ON	2008/12/01 17:46
S37	17	(gypsum or "natural gypsum" or "calcium sulfate dihydrate") with (stucco or "calcium sulfate hemihydrate" or "calcium sulfate semihydrate") with (weight adj2 percent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/02 16:28
S38	122	"BPB PLC"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/02 16:49
S39	62	S38 and gypsum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/02 16:49
S40	28	S39 and (weight or wt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/02 16:49
S41	2	("5534059").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/02 17:21

S42	2	("5922447").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/02 17:28
S43	2	("6171388").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/02 17:29
S44	12	"2498752"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/02 17:31
S45	1	("3947285").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/02 17:40
S46	6	("2460267"   "2494403"   "3198858").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/02 17:40
S47	2	("3198858").URPN.	USPAT	AND	ON	2008/12/02 17:42
S48	6	("2460267"   "2494403"   "3198858").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/02 17:43
S49	3	("2460267").URPN.	USPAT	AND	ON	2008/12/03 07:49
S50	27	("5779786").URPN.	USPAT	AND	ON	2008/12/03 07:50
S51	67	dihydrate same hemihydrate same mixture same composition	USPAT	AND	ON	2008/12/03 08:22
S52	61	(calcium adj2 sulfate) and (dihydrate same hemihydrate same mixture same composition)	USPAT	AND	ON	2008/12/03 08:23
S53	1	("4101630").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 16:27
S54	66	"uncalcined gypsum"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/04 16:29
S55	35	"uncalcined gypsum" and dihydrate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/04 16:30

S56	1	"uncalcined gypsum" adj5 dihydrate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/04 16:31
S57	1	"9828240"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/04 16:32
S58	51	compress with (wallboard or plasterboard or gypsum)	US-PGPUB; USPAT; USOCR	AND	ON	2009/06/04 12:30
S59	136	compress\$3 with wallboard and wallboard with gypsum	US-PGPUB; USPAT; USOCR	AND	ON	2009/06/04 12:32
S60	103	compress\$3 with wallboard same gypsum	US-PGPUB; USPAT; USOCR	<b>AN</b> D	ON	2009/06/04 12:33
S61	5	(US-20030114068-\$).did. or (US-4221599-\$).did. or (US-4533528-\$ or EP- 269295-\$ or DD-269295- \$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2009/06/04 15:51
S62	0	S61 and crush\$3	US-PGPUB; USPAT; USOCR	<b>AN</b> D	ON	2009/06/04 15:51
S63	1	S61 and (crush\$3 or grind \$3)	US-PGPUB; USPAT; USOCR	<b>AN</b> D	ON	2009/06/04 15:51
S64	139	(crush\$3 or grind\$3) same gypsum with wallboard	US-PGPUB; USPAT; USOCR	<b>AN</b> D	ON	2009/06/04 15:54
S65	66	(crush\$3 or grind\$3) with gypsum with wallboard	US-PGPUB; USPAT; USOCR	<b>AN</b> D	ON	2009/06/04 15:54
S66	1	(crush\$3 or grind\$3) with gypsum with wallboard with mixture	US-PGPUB; USPAT; USOCR	AND	ON	2009/06/04 15:54
S67	4	(crush\$3 or grind\$3) with gypsum with wallboard same add\$3 with mix\$4	US-PGPUB; USPAT; USOCR	AND	ON	2009/06/04 15:54
S68	1318	(crush\$3 or grind\$3) with gypsum	US-PGPUB; USPAT; USOCR	<b>AN</b> D	ON	2009/06/04 15:56
S69	184	(crush\$3 or grind\$3) with gypsum with size	US-PGPUB; USPAT; USOCR	AND	ON	2009/06/04 15:56
S70	19	(crush\$3 or grind\$3) with gypsum with size with mixture	US-PGPUB; USPAT; USOCR	AND	ON	2009/06/04 15:56
S71	1	(crush\$3 or grind\$3) with existing with wallboard	US-PGPUB; USPAT; USOCR	AND	ON	2009/06/04 16:00
S72	58	(crush\$3 or grind\$3) with existing with wall	US-PGPUB; USPAT; USOCR	AND	ON	2009/06/04 16:03

S73	1	((WINFRIED) near2 (SPICKEMANN)).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2009/06/04 16:05
S74	1	((KANE) near2 (IRONSIDE)).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2009/06/04 16:05
S75	2	"0269736"	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2009/06/04 16:06
S76	2	"0269736"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/04 16:06
S77	4	"8707257"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/04 16:06
S78	44	"269736"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/04 16:08
S79	0	"269736"	EPO	AND	ON	2009/06/04 16:08
S80	1	"269736" with ep	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/04 16:09
S81	8069	(shred\$3 or waste or grind \$3 or ground or crush\$3) with gypsum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/04 16:20
S82	3783	waste with gypsum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/04 16:20
S83	1216	waste near2 gypsum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/04 16:20

S84	8	shredd\$3 with waste near2 gypsum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/04 16:20
S85	35	shredd\$3 with waste with gypsum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/04 16:21
S86	23	(shredd\$3 or ground) with waste with gypsum with board	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/04 16:24
S87	7	(shredd\$3 or ground) with waste with gypsum with board	US-PGPUB; USPAT; USOCR	AND	ON	2009/06/04 16:24
S88	1511	gypsum with (board or wallboard or wall adj board) and (sound or acoustic\$2)	US-PGPUB; USPAT; USOCR	AND	ON	2009/11/03 10:01
S89	715	gypsum with (board or wallboard or wall adj board) same (sound or acoustic\$2)	US-PGPUB; USPAT; USOCR	AND	ON	2009/11/03 10:01
S90	526	gypsum adj (board or wallboard or wall adj board) same (sound or acoustic\$2)	US-PGPUB; USPAT; USOCR	AND	ON	2009/11/03 10:02
S91	159	gypsum adj (board or wallboard or wall adj board) same (sound or acoustic\$2) and (sound or acoustic\$2) same range	US-PGPUB; USPAT; USOCR	AND	ON	2009/11/03 10:04
S92	0	gypsum adj (board or wallboard or wall adj board) same (sound or acoustic\$2) and (sound or acoustic\$2) same range with gympsum	US-PGPUB; USPAT; USOCR	AND	ON	2009/11/03 10:04
S93	1	gypsum adj (board or wallboard or wall adj board) same (sound or acoustic\$2) and (sound or acoustic\$2) same range with calcium	US-PGPUB; USPAT; USOCR	AND	ON	2009/11/03 10:05

S94	293	gypsum adj (board or wallboard or wall adj board) with (sound or acoustic\$2) and (sound or acoustic\$2)	US-PGPUB; USPAT; USOCR	AND	ON	2009/11/03 10:37
S95	87	gypsum adj (board or wallboard or wall adj board) with (sound or acoustic\$2) and (sound or acoustic\$2) same range	US-PGPUB; USPAT; USOCR	AND	ON	2009/11/03 10:37
S96	7	gypsum adj (board or wallboard or wall adj board) with (sound or acoustic\$2) and (sound or acoustic\$2) same (weight adj percent)	US-PGPUB; USPAT; USOCR	AND	ON	2009/11/03 10:40
S97	1	gypsum with (weight adj percent) same sound	US-PGPUB; USPAT; USOCR	<b>AN</b> D	ON	2009/11/03 10:42
S98	4	gypsum with ((weight adj percent) or "wt. percent") same (sound or acoustic \$2)	US-PGPUB; USPAT; USOCR	AND	ON	2009/11/03 10:43
S99	**************************************	("2253059"   "20020045074"   "20020112651"   "20020139611"   "20030178250"   "20040026002"   "20040152379"   "20040152379"   "20060162839"   "3344956"   "3359146"   "3542640"   "3819388"   "3871952"   "3908062"   "3989534"   "4031285"   "4042745"   "4077809"   "4265964"   "4288263"   "4327146"   "4330589"   "4488932"   "4518652"   "4551384"   "4613627"   "4630419"   "4636444"   "4702870"   "4804688"   "4899498"   "5085929"   "5109030"   "5116671"   "5148645"   "5158612"   "5277762"   "5395438"   "5496441"   "5612385"   "5631097"   "5641584"   "5720851"   "5824148"   "5922447"   "5948157"   "6152394"   "6342284"   "6387172"   "6401414"   "6409824"   "6443258"	US-PGPUB; USPAT; USOCR	AND	ON	2009/11/03

		"6481171"   "6488761"   "6494609"   "6613424"   "6780356"   "6783587"). PN.				
S100	18	S99 and (sound or acoustic \$2) with gypsum	US-PGPUB; USPAT; USOCR	AND	ON	2009/11/03 10:44
S101	7	gypsum same stucco and dsg	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/08 13:38
S103	9	gypsum same stucco and (dsg or desulphogypsum)	US-PGPUB; USPAT; USOCR	<b>AN</b> D	ON	2010/07/08 13:39
S104	111	(dsg or desulphogypsum or desulfogypsum or gypsum) same (plaster or calcium adj sulfate adj (semihydrate or hemihydrate) or stucco) and (dsg or desulphogypsum)	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/08 13:41
S105	5960	(dsg or desulphogypsum or desulfogypsum or gypsum) same (plaster or calcium adj sulfate adj (semihydrate or hemihydrate) or stucco)	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/08 13:41
S106	5984	(dsg or desulphogypsum or desulfogypsum or gypsum) same (plaster or calcium adj sulfate adj (semihydrate or semihydrate or hemihydrate or hemi-hydrate) or stucco)	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/08 13:41
S107	1676	(dsg or desulphogypsum or desulfogypsum or gypsum) same (plaster or calcium adj sulfate adj (semihydrate or semihydrate or hemi-hydrate) or stucco) and (wallboard or wall adj board)	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/08 13:42
S108	192	(dsg or desulphogypsum or desulfogypsum or gypsum) same (plaster or calcium adj sulfate adj (semihydrate or semihydrate or hemi-hydrate) or stucco) and (wallboard or wall adj board) same (sound or acoustic\$2)	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/08 13:43

S109	27	filler same (dsg or desulphogypsum or desulfogypsum or gypsum) same (plaster or calcium adj sulfate adj (semihydrate or semihydrate or hemi-hydrate) or stucco) and (wallboard or wall adj board) same (sound or acoustic\$2)	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/08 13:43
S110	2840	(264/319,299).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/09 12:10
S111	30	("2657153"   "2805448"   "2850890"   "3487518"   "3654018"   "3753849"   "3778949"   "3984266"   "4019301"   "4177306"   "4242406"   "4327536"). PN. OR ("1890674"   "4630419").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/09 13:21
S112	22	S111 and (set\$4 or cure or curing or cures or cured or harden\$4)	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/09 13:24
S113	192	(dsg or desulphogypsum or desulfogypsum or gypsum) same (plaster or calcium adj sulfate adj (semihydrate or semihydrate or hemi-hydrate) or stucco) and (wallboard or wall adj board) same (sound or acoustic\$2)	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/09 13:33
S114	72	(dsg or desulphogypsum or desulfogypsum or gypsum) same (plaster or calcium adj sulfate adj (semihydrate or semihydrate or hemi-hydrate) or stucco) and (wallboard or wall adj board) same (sound or acoustic\$2) and allow\$3 with (set\$4 or cure or cures or cured or harden \$4)	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/09 13:33
S115	34	phosphogypsum same (plaster or stucco)	US-PGPUB; USPAT; USOCR	<b>AN</b> D	ON	2011/02/05 02:25
S116	3	(dsg or "(dsg)") same (plaster or stucco)	US-PGPUB; USPAT; USOCR	AND	ON	2011/02/05 02:40
S117	1	desulphogypsum same (plaster or stucco)	US-PGPUB; USPAT; USOCR	AND	ON	2011/02/05 02:41

S118	0	desulpho adj gypsum same (plaster or stucco)	US-PGPUB; USPAT; USOCR	AND	ON	2011/02/05 02:41
S119	544	calcium adj sulfate adj dihydrate same (plaster or stucco)	US-PGPUB; USPAT; USOCR	AND	ON	2011/02/05 02:41
S120	313	calcium adj sulfate adj dihydrate with (plaster or stucco)	US-PGPUB; USPAT; USOCR	AND	ON	2011/02/05 02:41
S121	2	"0344430"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/02/05 03:02
S122	40	"344430"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/02/05 03:02
S123	17	(US-20060150868-\$ or US-20030114068-\$ or US-20020139611-\$ or US-20020128352-\$ or US-20020112651-\$ or US-20050173837-\$).did. or (US-4221599-\$ or US-5980627-\$ or US-4630419-\$ or US-6387172-\$ or US-3908062-\$).did. or (US-3232778-\$ or US-1890674-\$).did. or (EP-344430-\$).did. or (DD-269295-\$ or EP-269295-\$ or US-4533528-\$).did.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2011/04/07 09:52
S124	3	S123 and size adj distribution	US-PGPUB; USPAT; USOCR	AND	ON	2011/04/07 09:52
S125	1	("4340521").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/07 09:55
S126	3	(("4533508") or ("3975320") or ("4533528")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/05 21:37

## **EAST Search History (Interference)**

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9/ 6/ 2011 8:06:54 PM H:\ Workspaces\ 10561708.wsp